

Product datasheet for **AM08164FC-N**

CD79B Mouse Monoclonal Antibody [Clone ID: CB3-1]

Product data:

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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | CB3-1 |
| Applications: | FC |
| Recommended Dilution: | Flow Cytometry: 10 μ L/10e6 cells. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Specificity: | This antibody reacts with the beta chain of CD79. (Ref.1-4) |
| Formulation: | PBS containing 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1 |
| Conjugation: | FITC |
| Storage: | Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | CD79b molecule |
| Database Link: | Entrez Gene 974 Human P40259 |
| Background: | CD79 is a 23/21 disulfide-linked heterodimer composed of an alpha chain (CD79a/mb-1) and a beta chain (CD79b/B29). CD79b is the B cell antigen receptor Ig beta chain (BCR Ig beta), which associates with B cell antigen receptor Ig alpha chain to form a functional heterodimer that interacts with membrane immunoglobulin (mIg). The mIgM component binds antigen and the Ig alpha/Ig beta heterodimer transduces signals. CD79 beta is a B cell specific marker, valuable for the detection of B cells at all maturation stages. |



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Synonyms: B29, IGB, B-Cell marker